

FIG. 1

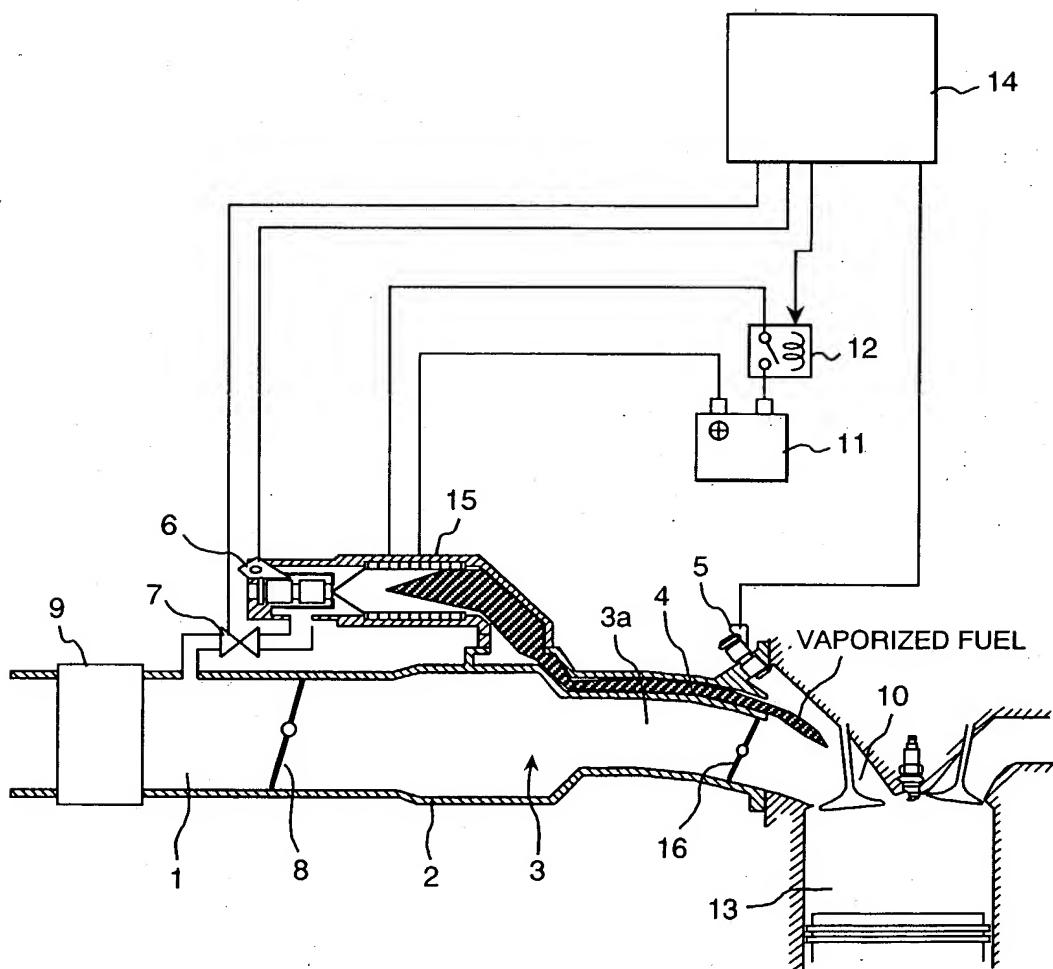


FIG. 2h

STARTER — ENERGIZATION

COMPLETE EXPLOSION

IGNITION

CRANKING

FIG. 2a

ENGINE REVOLUTION

FIG. 2b

MAIN AIR CONTROL VALVE

CLOSE

FIG. 2c

INFLOW AIR FROM MAIN PASSAGE

FIG. 2d

INFLOW AIR FROM BYPASS PASSAGE

FIG. 2e

HEATER

ENERGIZATION

FIG. 2f

INJECTION QUANTITY OF AUXILIARY INJECTION VALVE

FIG. 2g

INFLOW FUEL QUANTITY INTO CYLINDER

IGNITION

COMBUSTIBILITY LIMIT

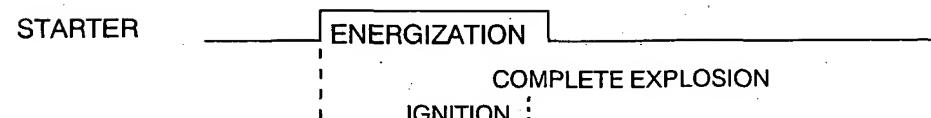
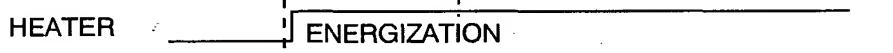
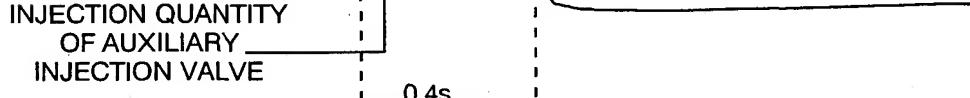
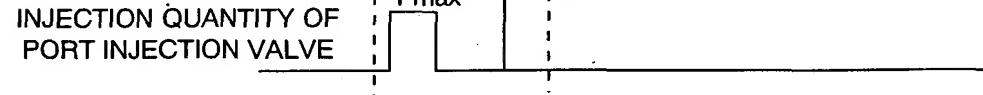
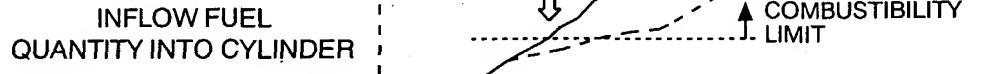
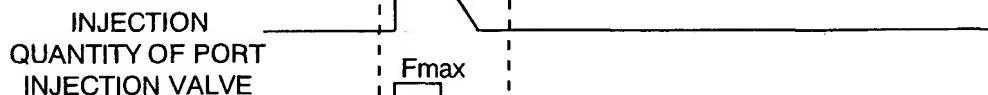
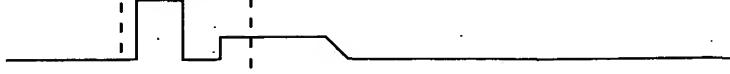
FIG. 3j**FIG. 3a****FIG. 3b****FIG. 3c****FIG. 3d****FIG. 3e****FIG. 3f****FIG. 3g****FIG. 3h1****FIG. 3i****FIG. 3h2****FIG. 3h3**

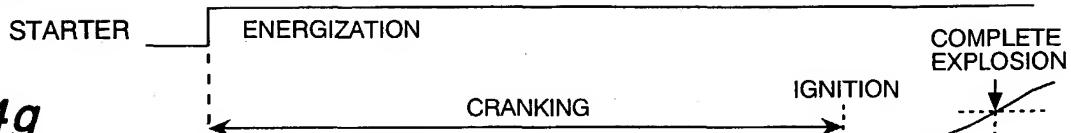
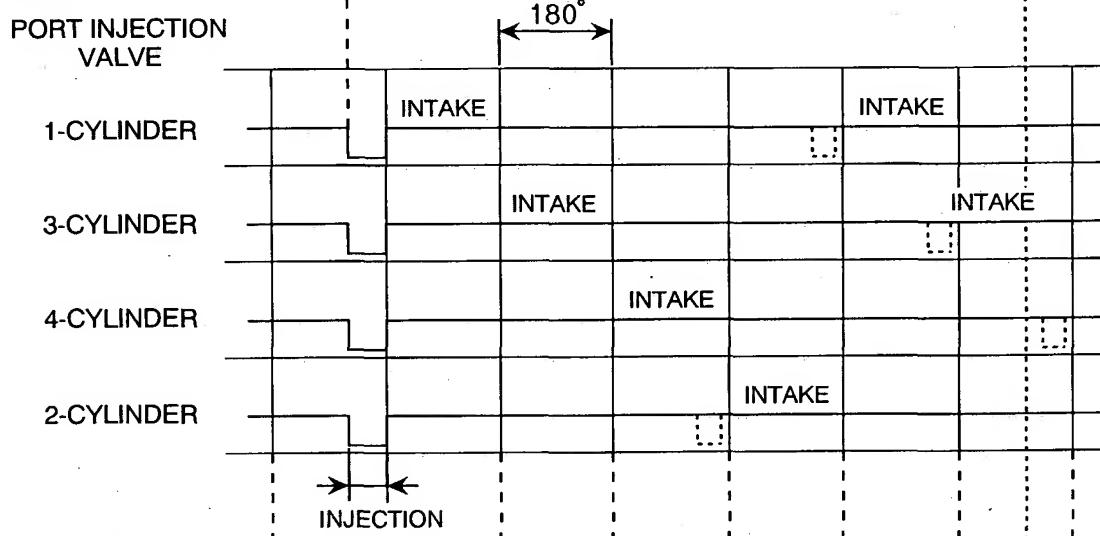
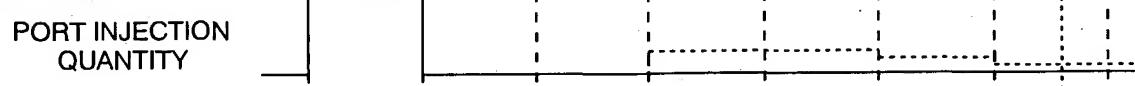
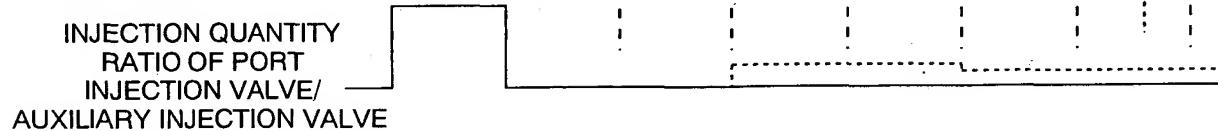
FIG. 4f**FIG. 4g****FIG. 4a****FIG. 4b****FIG. 4c****FIG. 4d****FIG. 4e**

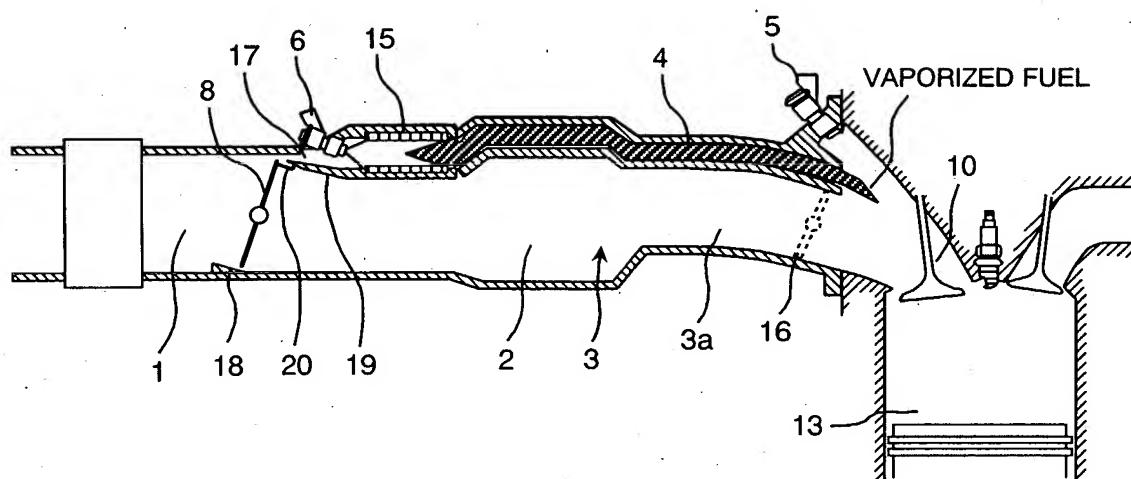
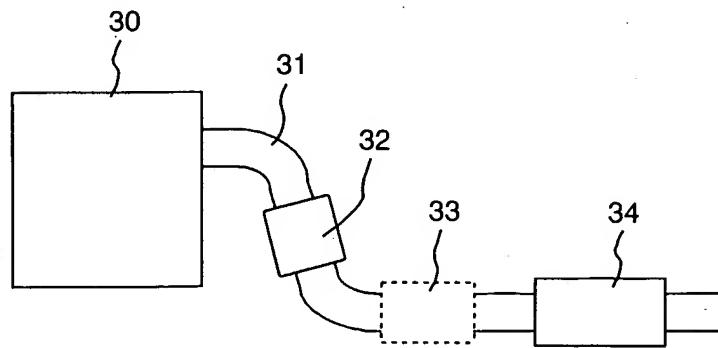
FIG. 5**FIG. 6**

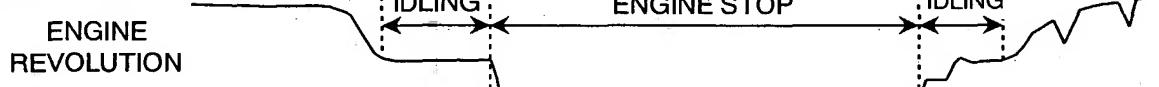
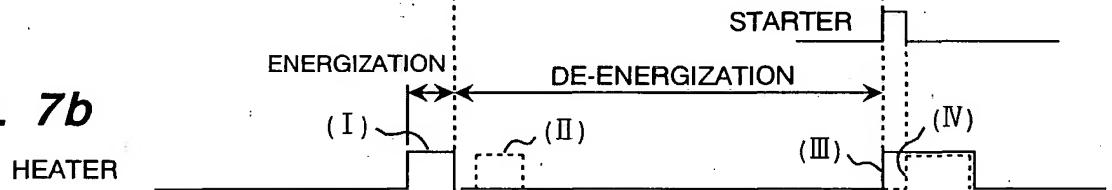
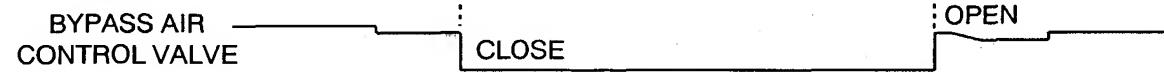
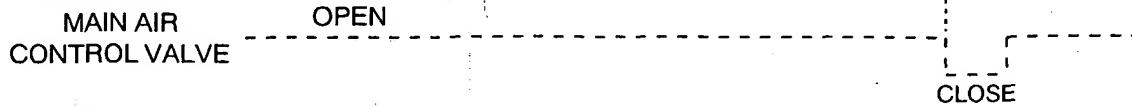
FIG. 7i**FIG. 7j****FIG. 7a****FIG. 7b****FIG. 7c****FIG. 7d****FIG. 7e****FIG. 7f****FIG. 7g****FIG. 7h**

FIG. 8

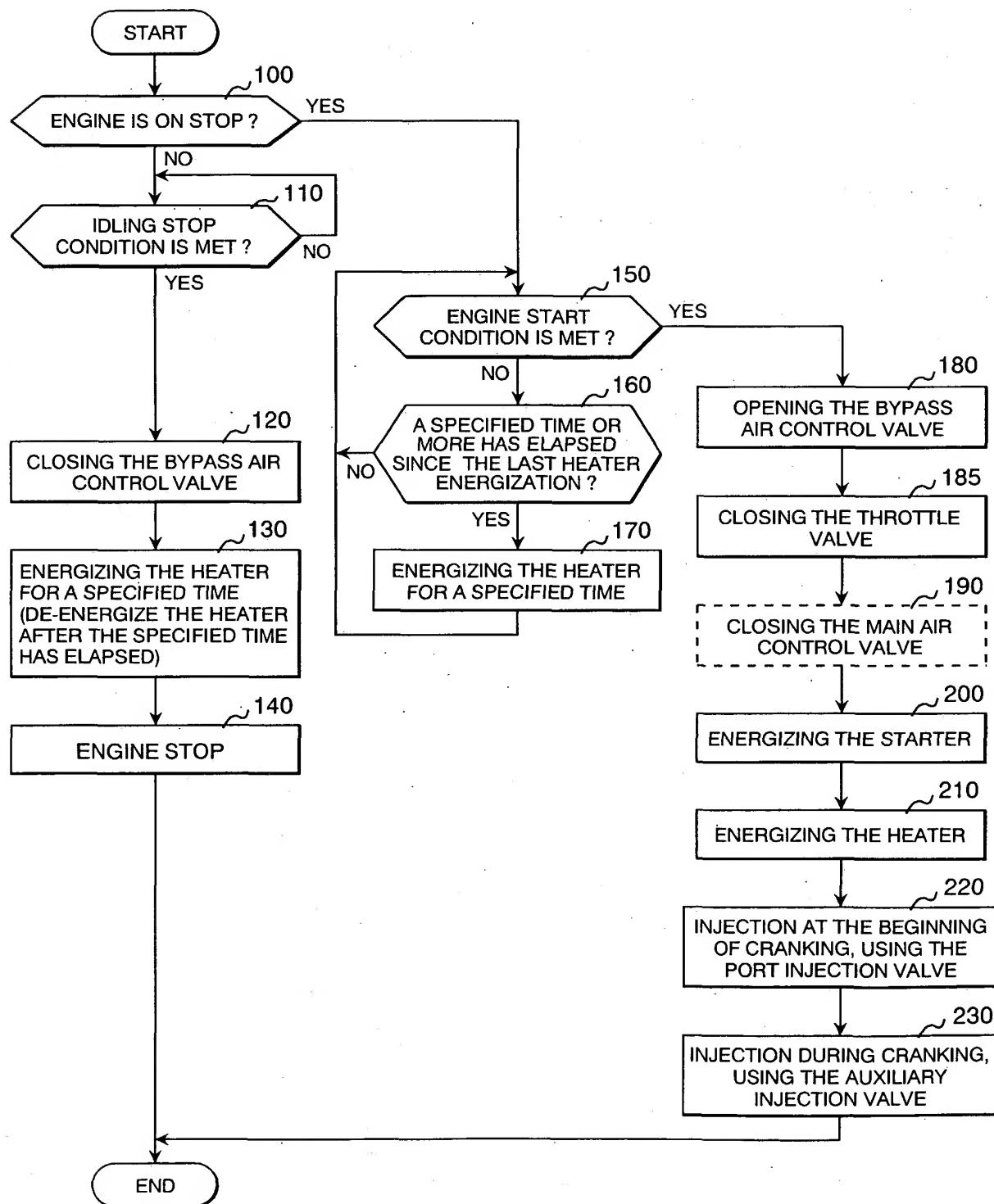


FIG. 9

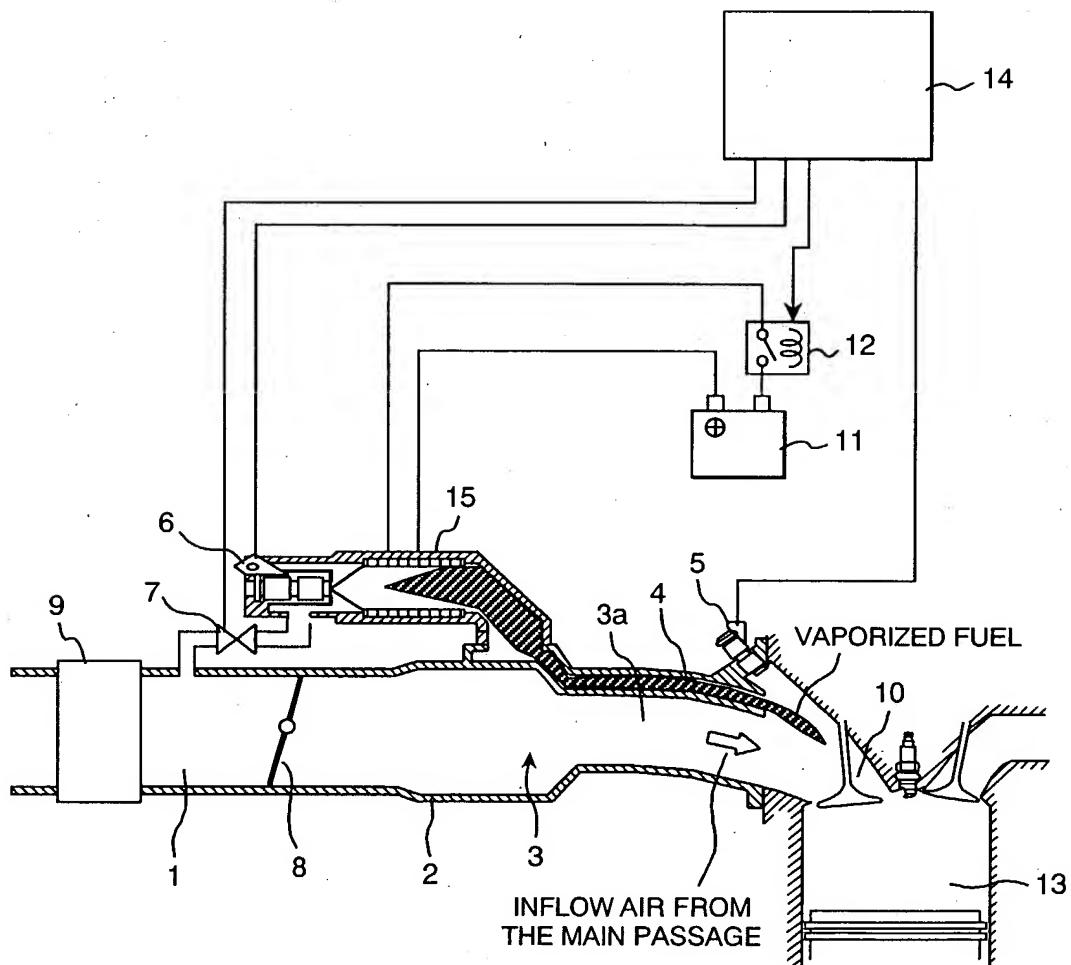


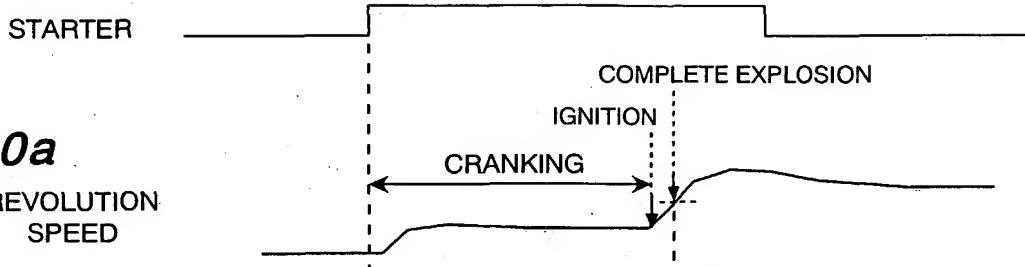
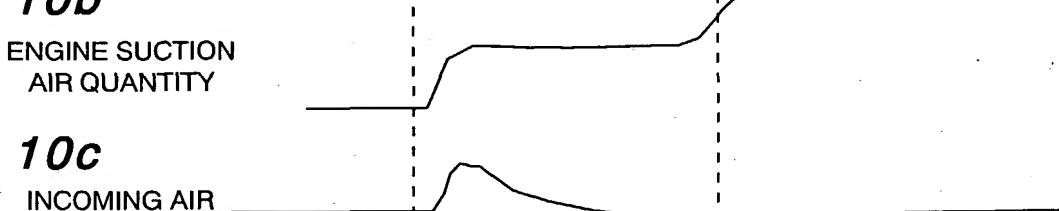
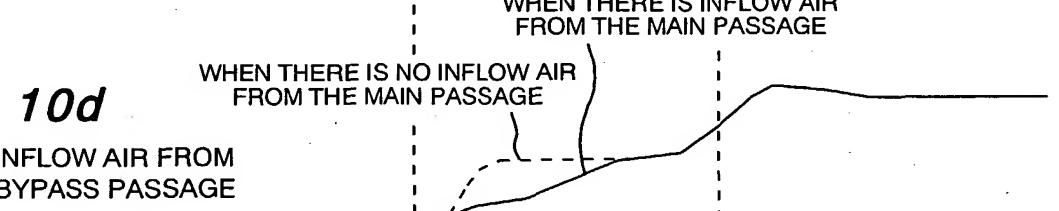
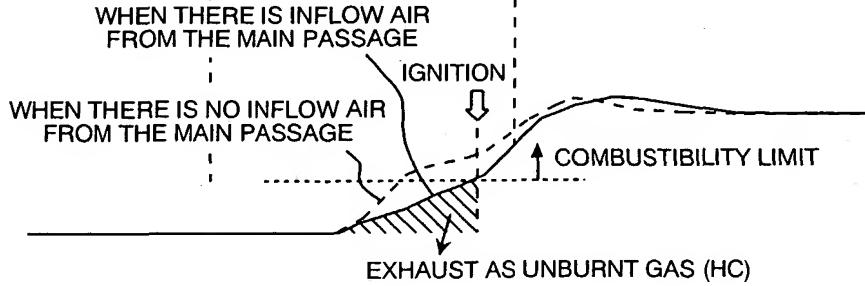
FIG. 10h**FIG. 10a****FIG. 10b****FIG. 10c****FIG. 10d****FIG. 10e**

FIG. 11

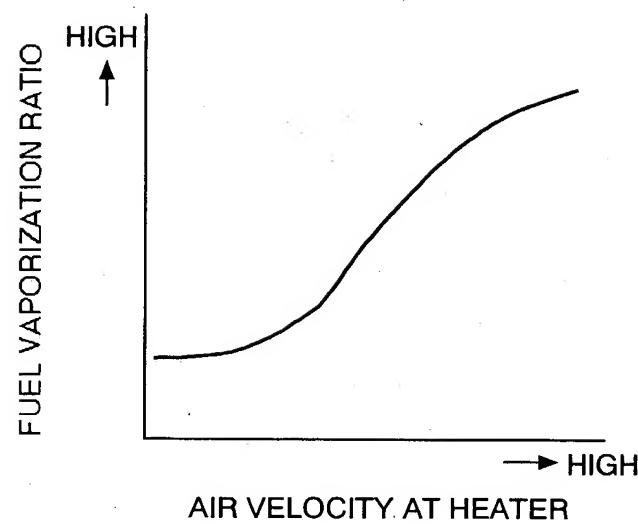


FIG. 12a

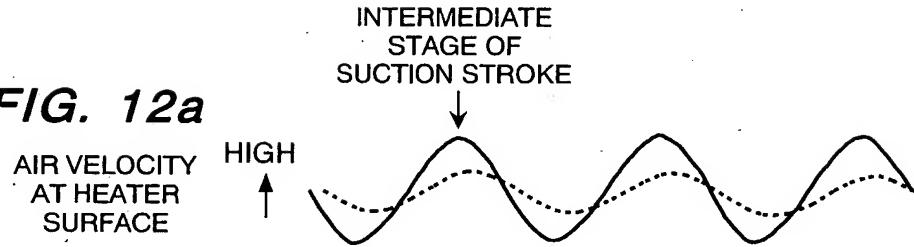
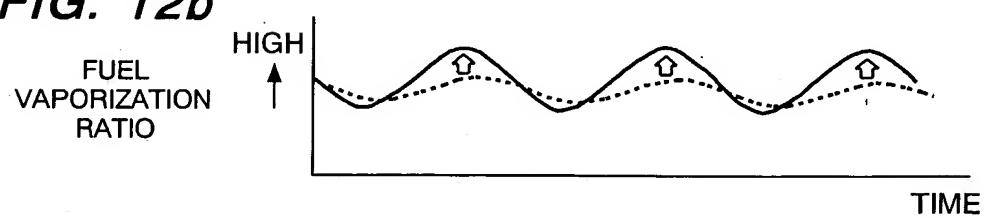


FIG. 12b



..... WHEN THERE IS INFLOW AIR FROM THE MAIN PASSAGE
— WHEN THERE IS NO INFLOW AIR FROM THE MAIN PASSAGE